

APPENDIX F

FUJITA TORNADO INTENSITY SCALE

Category

Definition -- Effects

(F0)

Gale tornado (Approximate wind speeds 40-72 mph): Light damage. Some damage to chimneys; break branches off trees; push over shallow rooted trees; damage sign boards.

(F1)

Moderate tornado (Approximate wind speeds 73-112 mph): Moderate damage. The lower limit is the beginning of hurricane wind speed; peel surface off roofs; mobile homes pushed off foundations or overturned; moving autos pushed off the roads.

(F2)

Significant tornado (Approximate wind speeds 113-157 mph): Considerable damage. Roofs torn off frame houses; mobile homes demolished; boxcars pushed over; large trees snapped or uprooted; light-object missiles generated.

(F3)

Severe tornado (Approximate wind speeds 158-206 mph): Severe damage. Roofs and some walls torn off well-constructed houses; trains overturned; most trees in forest uprooted; heavy cars lifted off ground and thrown.

(F4)

Devastating tornado (Approximate wind speeds 207-260 mph): Devastating damage. Well constructed houses leveled; structures with weak foundation blown off some distance; cars thrown and large missiles generated.

(F5)

Incredible tornado (Approximate wind speeds 261-318 mph): Incredible damage. Strong frame houses lifted off foundations and carried considerable distance to disintegrate; automobile-sized missiles fly through the air in excess of 100 yards; trees debarked; incredible phenomena will occur.